City of Dallas
Urban Forestry Master Plan
Scope of Work (SOW)

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To: James McGuire
Director, Environmental Quality & Sustainability
City of Dallas

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Texas Trees Foundation

PROJECT NAME – City of Dallas Urban Forestry Master Plan

An Urban Forest Master Plan (UFMP) is a road map, providing detailed information, recommendations, and resources needed to effectively and proactively manage and grow a city's tree canopy. More importantly it provides a shared vision for the future of the urban forest to inspire and engage stakeholders in the care and protection of trees.

Through the work of many people and organizations, Dallas has made great strides over the past year: updating Article X, implementing Branch Out Dallas and multiple other revegetation projects, passing the Park Dedication and Recycling Ordinances, passing a Green Energy Policy supporting 100% renewable energy for municipal uses, and completion of the Resilient Dallas Plan. This combined with the amount of data TTF has gathered through its urban heat island mitigation study for Dallas, urban canopy survey, and Dallas cool schools program set the stage for another important step that will benefit Dallas residents. By creating an UFMP, TTF and the City of Dallas can help preserve and enhance our urban canopy in a manner that will further promote and protect the health, safety, and welfare of the residents consistent with the public purpose Article X (see Dallas City Code Sec. 51A-10.102).

 "We cannot separate sustainable urban forests from the people who live in and around them.… Sustainable urban forests are not born, they are made. They do not arise at random but result from a community-wide commitment to their creation and management. Obtaining the commitment of a broad community, of numerous constituencies, cannot be dictated or legislated. It must arise out of compromise and respect." – Clark et al, A Model of Urban Forest Sustainability, Journal of Arboriculture, 1997

The plan will be guided by the Texas Trees Foundation (TTF), a nonprofit environmental organization dedicated to creating healthy communities through the protection and enhancement of our urban forest, and by the Dallas Urban Forest Master Planning Steering Committee which will be formed as part of this project. The keystones, goals, and recommendations established through this Master Plan will guide the City of Dallas to achieving a vision for the urban forest that stretches beyond the limits of "right tree, right place." Our urban forest is comprised of all trees on private and public lands; these trees improve the environment and make our city a greener, cleaner, cooler place to live. This plan will provide detailed recommendations for the proactive management, protection, and growth of Dallas's urban forest and will

describe a shared vision for the future of Dallas' trees that inspires and engages residents, business owners, elected officials, and community organizations. The plan will include the following:

- urban heat island mitigation strategies
- guidelines for using trees for storm water management
- canopy cover baseline metrics
- canopy cover change analysis from 2009 to 2019
- emergency storm response information, and
- public relations and educational outreach about the urban forest

The UFMP will address storm preparedness for the City of Dallas. This will include current city response to extreme weather events (heavy rainstorms including hail, ice storms, wind events etc.) and whether it is adequate. Recommendations will be made to support best outcomes when it comes to extreme weather events.

The UFMP will cultivate lasting advocacy and increase civic participation and facilitate efficiency and cooperation among urban forestry partners. This plan will support, and can be folded into, the Cool, Clean, and Resilient Dallas project. Several keystone goals will be developed throughout the UFMP process that will provide the framework for the plan. But based on over 20 years of experience in Urban Forestry an UFMP will not be successful if it doesn't include of the following components:

Connect: Interagency Cooperation and Partnerships, Research, Equitable Urban Forest Benefits.

Engage: Neighborhood Tree Advocacy, Public Outreach and Education, Volunteerism.

Manage: Funding, Proactive Forest/Tree Maintenance, Risk, and Tree Planting Programs.

Plan: Stormwater Management, Urban Tree Canopy Goals, and Storm Preparedness.

Protect: Exotic and Invasive Vegetation Recommendations, Pests and Diseases Management, Tree Protection During Infrastructure Improvements, Invasive Species Management, Tree Protection During Infrastructure Improvements, Growth and Development.

Texas Trees Foundation Responsibilities:

- TTF will be responsible for hiring a top-tier consultant in the Davey Resource Group to coordinate and develop the Urban Forestry Master Plan (UFMP). Included will be a detailed timeline, and determination of the roles and responsibilities of the technically advisory working group.
- TTF will fully fund Davey Resource Group to produce a high quality UFMP and will be solely responsible for any cost overruns in producing the UFMP.
- TTF will drive the UFMP process with the City of Dallas. TTF will act as the prime and will be responsible for all logistics of the public engagement and internal meetings.
- TTF will ensure that other TTF research such as our Urban Heat Island study, State of the Dallas Urban Forest and Smart Growth for Dallas is appropriately included in the planning.
- TTF will ensure that the UFMP uses the latest Urban Forestry research and best management practices.
- Community meetings will be logistically supported by TTF and conducted by DRG. They will include a variety of organizational operations based on community and stakeholder engagement.
- TTF will deliver a plan that supports planning policies and speaks to all stakeholder groups.
- TTF recognizes that to be successful, the UFMP must be a collaborative process that incorporates the City of Dallas needs and resource restraints.

- TTF will provide City of Dallas with an electronic draft copy of the UFMP for final review and approval prior to publishing.
- TTF will provide City of Dallas an electronic deliverable and 30 printed copies of the printed final report.

City of Dallas Responsibilities:
- City of Dallas will identify one main point of contact to coordinate with TTF.
- City of Dallas will select identified staff to serve on the technical advisory team and will endeavor to support their regular attendance and participation."
- City of Dallas will allow TTF to utilize City buildings, such as Community Centers, to hold public engagement meetings.
- City of Dallas will make municipal departments available for stakeholder engagement.
- City of Dallas will allow TTF to use GIS data for the purpose of making maps in relation to the UFMP.
- City of Dallas will make arrangements to host TTF UFMP public engagement meetings in City facilities, such as Community Centers, Libraries, etc.
- City of Dallas will provide $50,000 to TTF to support development of the UFMP consistent with the stated purpose 51A-10.135(h)(2). This amount will only be used to supplement the $230,000 provided by TTF to its consultant, and not replace it. The City's contribution will be due to TTF within thirty (30) days once TTF provides the City documentation that TTF has properly incurred $50,000 generating the contemplated in this SOW.

Prepared by:

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